

a graphical display subsystem, including a graphical display, for displaying an image;

an input subsystem, including a stylus, for receiving from a user positional data representing spatial positions of said stylus; and

a wireless communication subsystem for sending data to and receiving data from said host computer over a wireless communication link; and

means for controlling operations of said graphical display subsystem, said input subsystem and said wireless communication subsystem, said means for controlling (i) causing said wireless communication link to be created; (ii) causing an application program to be run on said host computer; (iii) receiving from said input subsystem said positional data, providing a response to said user in acknowledgment of said positional data, and transmitting over said wireless communication link said positional data to said application program; and (iv) receiving over said wireless communication link from said application program data representing said image, and causing said graphical display subsystem to display said image on said graphical display;

wherein said host computer interprets said positional data as representing digitized strokes of a handwriting.

5. A computer system [as in Claim 7, wherein] comprising:

a hand-held interface device comprising (i) a display device; (ii) a position input device, said position input device receiving positional data representative of a current location of said position input device; (iii) a wireless

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receiver and transmitter circuit, said wireless receiver and transmitter circuit transmitting said positional data; and (iv) control means for providing an image on said display device; and

a host computer being coupled to (i) a wireless receiver and transmitter circuit for communicating with said hand held interface device, said wireless receiver and transmitter circuit of said host computer receiving said positional data; and (ii) means for modifying said image in accordance with said positional data;

wherein said wireless receiver and transmitter circuit is accessed by said host computer as a shared resource on a local area network, and said position input device provides a plurality of data points each indicating a position of said position input device relative to an origin, said data points being queued in a pen event buffer in said hand held interface device for transmission to said host computer over a wireless link established between said wireless receiver and transmitter circuit of said hand held interface device and said wireless receiver and transmitter circuit coupled to said host computer.

⁸
12. A method [as in Claim 11, further comprising the step of] for providing a mobile user interface device, comprising:

providing a graphical display;

providing an input device for indicating locations on said graphical display;

providing a wireless transceiver for communicating display information from said host computer to said mobile user interface device and for communicating said locations from said mobile user interface device to said host computer;

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